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Certificate of Analysis

Product **68100 - Hektoen Enteric Agar**
Batch No **1257220**
Analysis Date 08-Feb-2024
Date of Manufacture February 2024
Expiry Date/Re-Test Date February 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	Light beige, may have a slight green cast	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	75.66 gm/liter.	Complies
Solubility before autoclaving (Clarity)	Slightly opalescent.	Complies
Gel strength	Firm, comparable with 1.5 % Agar gel.	Complies
pH (25°C)	7.5 ± 0.2	7.38 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Slightly opalescent.	Complies
Prepared Medium Appearance after autoclaving (Colour)	Green with yellowish cast.	Complies
Cultural Response	Incubate at 35 ± 2°C for 18-24 hours.	
Organism	Salmonella typhimurium ATCC 14028	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate : ~50.0% Colony colour : greenish blue with black centres.	Complies
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Fair - Good Recovery Rate :30.0% Colony colour : salmon orange, may have bile precipitate.	Complies
Organism	Enterobacter aerogenes ATCC 13048	
Inoculum (cfu) 10-100	Growth : Fair - Good Recovery Rate :30.0% Colony colour : salmon orange.	Complies
Organism	Shigella flexneri ATCC 12022	
Inoculum (cfu) 10-100	Growth : Good Recovery Rate :~40.0 - 50.0% Colony colour : greenish blue	Complies

FRM/82/11/3/68100 Rev No. 2 Date 29/02/2024

Prepared by Shikha

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](https://www.iso.org/standard/68100.html)